

Antonio Lucacchini

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217
papers

4,485
citations

35
h-index

52
g-index

225
ext. papers

4,935
ext. citations

4.8
avg, IF

4.63
L-index

#	Paper	IF	Citations
217	Oxytocin receptor polymorphisms and adult attachment style in patients with depression. <i>Psychoneuroendocrinology</i> , 2009 , 34, 1506-14	5	197
216	Discovery of N-hydroxyindole-based inhibitors of human lactate dehydrogenase isoform A (LDH-A) as starvation agents against cancer cells. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1599-612	8.3	152
215	Proteome analysis of whole saliva: a new tool for rheumatic diseases--the example of Sjögren's syndrome. <i>Proteomics</i> , 2007 , 7, 1634-43	4.8	117
214	Peripheral-type benzodiazepine receptor ligands: mitochondrial permeability transition induction in rat cardiac tissue. <i>Biochemical Pharmacology</i> , 2001 , 61, 695-705	6	102
213	Fine-needle aspiration of thyroid nodules: proteomic analysis to identify cancer biomarkers. <i>Journal of Proteome Research</i> , 2008 , 7, 4079-88	5.6	86
212	A relationship between oxytocin and anxiety of romantic attachment. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2006 , 2, 28	3.2	79
211	Proteomic analysis of saliva: a unique tool to distinguish primary Sjögren's syndrome from secondary Sjögren's syndrome and other sicca syndromes. <i>Arthritis Research and Therapy</i> , 2011 , 13, R194	5.7	78
210	Synthesis and structure-activity relationships of a new set of 2-arylpyrazolo[3,4-c]quinoline derivatives as adenosine receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 3118-24	8.3	72
209	The spontaneous Ala147Thr amino acid substitution within the translocator protein influences pregnenolone production in lymphomonocytes of healthy individuals. <i>Endocrinology</i> , 2009 , 150, 5438-45	4.8	65
208	Characterization of thyroglobulin epitopes in patients with autoimmune and non-autoimmune thyroid diseases using recombinant human monoclonal thyroglobulin autoantibodies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 591-6	5.6	60
207	2RC-Methyl analogues of selective adenosine receptor agonists: synthesis and binding studies. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 1708-15	8.3	58
206	Effect of aging and sex on the [³ H]-paroxetine binding to human platelets. <i>Journal of Affective Disorders</i> , 1998 , 50, 11-5	6.6	57
205	1,2,4-Triazolo[4,3-a]quinoxalin-1-one: a versatile tool for the synthesis of potent and selective adenosine receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 1158-64	8.3	57
204	The trace element content of top-soil and wild edible mushroom samples collected in Tuscany, Italy. <i>Environmental Monitoring and Assessment</i> , 2012 , 184, 7579-95	3.1	55
203	N-Hydroxyindole-based inhibitors of lactate dehydrogenase against cancer cell proliferation. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 5398-407	6.8	54
202	Tricyclic heteroaromatic systems. Synthesis and A1 and A2a adenosine binding activities of some 1-aryl-1,4-dihydro-3-methyl[1]benzopyrano[2,3-c]pyrazol-4-ones, 1-aryl-4,9-dihydro-3-methyl-1H-pyrazolo[3,4-b]quinolin-4-ones, and 1-aryl-1H-imidazo[4,5-b]quinoxalines. <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 1330-6	8.3	52
201	Anti-Inflammatory Activities of Marine Algae in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	51

200	Region-dependent effects of flibanserin and buspirone on adenylyl cyclase activity in the human brain. <i>International Journal of Neuropsychopharmacology</i> , 2002 , 5, 131-40	5.8	50
199	Ala147Thr substitution in translocator protein is associated with adult separation anxiety in patients with depression. <i>Psychiatric Genetics</i> , 2009 , 19, 110-1	2.9	48
198	Synthesis, structure-activity relationships, and molecular modeling studies of N-(indol-3-ylglyoxylyl)benzylamine derivatives acting at the benzodiazepine receptor. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 5083-91	8.3	48
197	Agonist-induced internalization and recycling of the human A(3) adenosine receptors: role in receptor desensitization and resensitization. <i>Journal of Neurochemistry</i> , 2000 , 75, 1493-501	6	46
196	Decreased platelet 3H-paroxetine binding in obsessive-compulsive patients. <i>Neuropsychobiology</i> , 1996 , 34, 184-7	4	46
195	Proteomic studies of formalin-fixed paraffin-embedded tissues. <i>Expert Review of Proteomics</i> , 2013 , 10, 165-77	4.2	45
194	Proteomic analysis of the saliva: a clue for understanding primary from secondary Sjögren's syndrome?. <i>Autoimmunity Reviews</i> , 2008 , 7, 185-91	13.6	45
193	Preparation and pharmacological characterization of trans-2-amino-5(6)-fluoro-6(5)-hydroxy-1-phenyl-2,3-dihydro-1H-indenes as D2-like dopamine receptor agonists. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 2646-54	8.3	43
192	Synthesis, molecular modeling studies, and pharmacological activity of selective A(1) receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 4875-87	8.3	43
191	Clozapine, norclozapine plasma levels, their sum and ratio in 50 psychotic patients: influence of patient-related variables. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2002 , 26, 473-80	5.5	38
190	A galpha(s) carboxyl-terminal peptide prevents G(s) activation by the A(2A) adenosine receptor. <i>Molecular Pharmacology</i> , 2000 , 58, 226-36	4.3	38
189	New insight into the central benzodiazepine receptor-ligand interactions: design, synthesis, biological evaluation, and molecular modeling of 3-substituted 6-phenyl-4H-imidazo[1,5-a][1,4]benzodiazepines and related compounds. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5194-711	8.3	37
188	Distribution and characterization of [3H]mesulergine binding in human brain postmortem. <i>European Neuropsychopharmacology</i> , 1999 , 10, 21-6	1.2	37
187	Tricyclic heteroaromatic systems. [1]benzopyranopyrrol-4-ones and [1]benzopyrano-1,2,3-triazol-4-ones as benzodiazepine receptor ligands. Synthesis and structure-activity relationships. <i>Journal of Medicinal Chemistry</i> , 1990 , 33, 2646-51	8.3	37
186	Involvement of mitogen protein kinase cascade in agonist-mediated human A(3) adenosine receptor regulation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002 , 1591, 55-62	4.9	36
185	Peripheral-type benzodiazepine receptor binding sites in platelets of patients with panic disorder associated to separation anxiety symptoms. <i>Psychopharmacology</i> , 2005 , 181, 407-11	4.7	36
184	Specific proteins identified in whole saliva from patients with diffuse systemic sclerosis. <i>Journal of Rheumatology</i> , 2007 , 34, 2063-9	4.1	36
183	Platelet 18 kDa Translocator Protein density is reduced in depressed patients with adult separation anxiety. <i>European Neuropsychopharmacology</i> , 2008 , 18, 249-54	1.2	35

182	Up-regulation of A(2A) adenosine receptors by proinflammatory cytokines in rat PC12 cells. <i>Biochemical Pharmacology</i> , 2002 , 64, 625-31	6	35
181	Alteration of serotonin transporter density and activity in fibromyalgia. <i>Arthritis Research and Therapy</i> , 2006 , 8, R99	5.7	34
180	Substituted 1,2,3-triazolo[1,5-a]quinazolines: synthesis and binding to benzodiazepine and adenosine receptors. <i>European Journal of Medicinal Chemistry</i> , 2000 , 35, 333-41	6.8	34
179	Benzodiazepine receptor ligands. 4. Synthesis and pharmacological evaluation of 3-heteroaryl-8-chloropyrazolo[5,1-c][1,2,4] benzotriazine 5-oxides. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 2218-26	8.3	34
178	Palmitate-induced lipotoxicity alters acetylation of multiple proteins in clonal β cells and human pancreatic islets. <i>Scientific Reports</i> , 2017 , 7, 13445	4.9	32
177	Is GRP78/BiP a potential salivary biomarker in patients with rheumatoid arthritis?. <i>Proteomics - Clinical Applications</i> , 2010 , 4, 315-24	3.1	32
176	Ethyl 8-fluoro-6-(3-nitrophenyl)-4H-imidazo[1,5-a][1,4]benzodiazepine-3-carboxylate as novel, highly potent, and safe antianxiety agent. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 4730-43	8.3	32
175	Proteomic diagnosis of Sjögren's syndrome. <i>Expert Review of Proteomics</i> , 2007 , 4, 757-67	4.2	31
174	Platelet [³ H]paroxetine binding in patients with OCD-related disorders. <i>Psychiatry Research</i> , 1999 , 89, 223-8	9.9	31
173	Apparent absence of aging and gender effects on serotonin 1A receptors in human neocortex and hippocampus. <i>Brain Research</i> , 1997 , 758, 26-32	3.7	30
172	A novel class of highly potent and selective A1 adenosine antagonists: structure-affinity profile of a series of 1,8-naphthyridine derivatives. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2814-23	8.3	29
171	Changes in peripheral benzodiazepine receptors in patients with panic disorder and obsessive-compulsive disorder. <i>Neuropsychobiology</i> , 1994 , 29, 8-11	4	29
170	A Proteomic Approach to Uncover Neuroprotective Mechanisms of Oleocanthal against Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	28
169	ATP, calcium and magnesium levels in platelets of patients with primary fibromyalgia. <i>Clinical Biochemistry</i> , 2008 , 41, 1084-90	3.5	28
168	Upregulation of mitochondrial peripheral benzodiazepine receptor expression by cytokine-induced damage of human pancreatic islets. <i>Journal of Cellular Biochemistry</i> , 2002 , 84, 636-644	4.7	28
167	Serotonin receptor of type 6 (5-HT ₆) in human prefrontal cortex and hippocampus post-mortem: an immunohistochemical and immunofluorescence study. <i>Neurochemistry International</i> , 2013 , 62, 182-8	4.4	27
166	Synthesis of 1-(2-chloro-2-phenylethyl)-6-methylthio-1H-pyrazolo[3,4-d]pyrimidines 4-amino substituted and their biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2004 , 39, 153-60	6.8	27
165	Study on affinity profile toward native human and bovine adenosine receptors of a series of 1,8-naphthyridine derivatives. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 3019-31	8.3	27

164	Novel 3-alkyl-7-(amino-substituted)-1,2,3-triazolo[4,5-d]pyrimidines with high affinity toward A1 adenosine receptors. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 668-73	8.3	27
163	Regulation of agonist binding to A2A adenosine receptors: effects of guanine nucleotides (GDP[S] and GTP[S]) and Mg ²⁺ ion. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993 , 1220, 76-84	4.9	26
162	Solubilization of rat kidney benzodiazepine binding sites. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983 , 728, 289-92	3.8	26
161	A multidisciplinary approach to study a couple of monozygotic twins discordant for the chronic fatigue syndrome: a focus on potential salivary biomarkers. <i>Journal of Translational Medicine</i> , 2013 , 11, 243	8.5	25
160	Synthesis of sulfonamide-containing N-hydroxyindole-2-carboxylates as inhibitors of human lactate dehydrogenase-isoform 5. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 7331-6	2.9	24
159	Detection of potential markers of primary fibromyalgia syndrome in human saliva. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 1296-304	3.1	24
158	Synthesis and A1 and A2A adenosine binding activity of some pyrano[2,3-c]pyrazol-4-ones. <i>Il Farmaco</i> , 1998 , 53, 189-96		24
157	Increased inhibitory activity of protein kinase C on the serotonin transporter in OCD. <i>Neuropsychobiology</i> , 2000 , 41, 171-7	4	24
156	Benzodiazepine receptor affinity and interaction of some N-(indol-3-ylglyoxylyl)amine derivatives. <i>Journal of Medicinal Chemistry</i> , 1992 , 35, 2214-20	8.3	24
155	Toward the Standardization of Mitochondrial Proteomics: The Italian Mitochondrial Human Proteome Project Initiative. <i>Journal of Proteome Research</i> , 2017 , 16, 4319-4329	5.6	23
154	Presence and characterization of the serotonin transporter in human resting lymphocytes. <i>Neuropsychopharmacology</i> , 1998 , 19, 154-9	8.7	23
153	Effect of noise exposure on rat cardiac peripheral benzodiazepine receptors. <i>Life Sciences</i> , 2000 , 66, 1165-75	8.5	23
152	Distribution of serotonin receptor of type 6 (5-HT ₆) in human brain post-mortem. A pharmacology, autoradiography and immunohistochemistry study. <i>Neurochemical Research</i> , 2012 , 37, 920-7	4.6	22
151	Triazole-substituted N-hydroxyindol-2-carboxylates as inhibitors of isoform 5 of human lactate dehydrogenase (hLDH5). <i>MedChemComm</i> , 2011 , 2, 638	5	22
150	Upregulation of A2A adenosine receptors in platelets from patients affected by bipolar disorders under treatment with typical antipsychotics. <i>Journal of Psychiatric Research</i> , 2006 , 40, 81-8	5.2	22
149	Specific inhibition of benzodiazepine receptor binding by some N-(indol-3-ylglyoxylyl)amino acid derivatives. <i>Journal of Medicinal Chemistry</i> , 1985 , 28, 506-9	8.3	22
148	Simultaneous plasma level analysis of clomipramine, N-desmethyloclopramine, and fluvoxamine by reversed-phase liquid chromatography. <i>Therapeutic Drug Monitoring</i> , 2000 , 22, 190-4	3.2	22
147	NRPhenylindol-3-ylglyoxylohydrazide derivatives: synthesis, structure-activity relationships, molecular modeling studies, and pharmacological action on brain benzodiazepine receptors. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 3821-30	8.3	21

146	Synthesis and structure-activity relationships of a new set of 1,2,4-triazolo[4,3-a]quinoxalin-1-one derivatives as adenosine receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 3541-50	3.4	21
145	Search for peripheral biomarkers in patients affected by acutely psychotic bipolar disorder: a proteomic approach. <i>Molecular BioSystems</i> , 2014 , 10, 1246-54		20
144	Reductions in platelet 18-kDa translocator protein density are associated with adult separation anxiety in patients with bipolar disorder. <i>Neuropsychobiology</i> , 2010 , 62, 98-103	4	20
143	Peripheral-type benzodiazepine receptors in human mononuclear cells of patients affected by osteoarthritis, rheumatoid arthritis or psoriatic arthritis. <i>Clinical Biochemistry</i> , 2003 , 36, 57-60	3.5	20
142	4-Amino-6-benzylamino-1,2-dihydro-2-phenyl-1,2,4-triazolo [4,3- α]-quinoxalin-1-one: a new A2A adenosine receptor antagonist with high selectivity versus A1 receptors. <i>Archiv Der Pharmazie</i> , 1999 , 332, 39-41	4.3	20
141	Synthesis of some 2-aryl-1,2,4-triazolo[1,5-c][1,3]benzoxazin-5-ones as tools to define the essential pharmacophoric descriptors of a benzodiazepine receptor ligand. <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 2196-201	8.3	20
140	Conformational effects on the activity of drugs. 13. A revision of previously proposed models for the activation of α - and β -adrenergic receptors. <i>Journal of Medicinal Chemistry</i> , 1992 , 35, 1009-18	8.3	20
139	Impulsivity, gender, and the platelet serotonin transporter in healthy subjects. <i>Neuropsychiatric Disease and Treatment</i> , 2010 , 6, 9-15	3.1	20
138	A proteomic profile of washing fluid from the colorectal tract to search for potential biomarkers of colon cancer. <i>Molecular BioSystems</i> , 2012 , 8, 1088-99		19
137	A proteomic approach to study parathyroid glands. <i>Molecular BioSystems</i> , 2011 , 7, 687-99		19
136	Evaluation of formalin-fixed paraffin-embedded tissues in the proteomic analysis of parathyroid glands. <i>Proteome Science</i> , 2011 , 9, 29	2.6	19
135	Altered amino acid homeostasis in subjects affected by fibromyalgia. <i>Clinical Biochemistry</i> , 2009 , 42, 1064-70	3.7	19
134	Serotonin-mediated phosphorylation of extracellular regulated kinases in platelets of patients with panic disorder versus controls. <i>Neurochemistry International</i> , 2004 , 44, 627-39	4.4	19
133	Platelet proteome and clopidogrel response in patients with stable angina undergoing percutaneous coronary intervention. <i>Clinical Biochemistry</i> , 2012 , 45, 758-65	3.5	18
132	Fluorescent probes for adenosine receptors: synthesis and biology of N6-dansylaminoalkyl-substituted NECA derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998 , 8, 3223-8	2.9	18
131	Synthesis of 4-amino-6-(hetero)arylalkylamino-1,2,4-triazolo[4,3-a]quinoxalin-1-one derivatives as potent A(2A) adenosine receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 5509-18	3.4	18
130	Distribution of [³ H]GR65630 binding in human brain postmortem. <i>Neurochemical Research</i> , 2001 , 26, 187-90	4.6	18
129	Decreased platelet 3H-paroxetine binding in untreated panic disorder patients. <i>Life Sciences</i> , 1999 , 65, 2735-41	6.8	18

128	Association of psoriasin (S100A7) with clinical manifestations of systemic sclerosis: is its presence in whole saliva a potential predictor of pulmonary involvement?. <i>Journal of Rheumatology</i> , 2008 , 35, 1820-4	4.1	18
127	Comparative proteomic analysis of malignant pleural mesothelioma evidences an altered expression of nuclear lamin and filament-related proteins. <i>Proteomics - Clinical Applications</i> , 2014 , 8, 258-68	3.1	17
126	Presence in the pre-surgical fine-needle aspiration of potential thyroid biomarkers previously identified in the post-surgical one. <i>PLoS ONE</i> , 2013 , 8, e72911	3.7	17
125	A membrane-permeable peptide containing the last 21 residues of the G alpha(s) carboxyl terminus inhibits G(s)-coupled receptor signaling in intact cells: correlations between peptide structure and biological activity. <i>Molecular Pharmacology</i> , 2006 , 69, 727-36	4.3	17
124	Insulin permeability across an in vitro dynamic model of endothelium. <i>Pharmaceutical Research</i> , 2002 , 19, 445-50	4.5	17
123	7-Nitrobenzofurazan (NBD) derivatives of 5RN-ethylcarboxamidoadenosine (NECA) as new fluorescent probes for human A(3) adenosine receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 3023-6	2.9	17
122	Effects of postmortem delay on serotonin and (+)8-OH-DPAT-mediated inhibition of adenylyl cyclase activity in rat and human brain tissues. <i>Brain Research</i> , 1999 , 816, 165-74	3.7	17
121	Putative salivary biomarkers useful to differentiate patients with fibromyalgia. <i>Journal of Proteomics</i> , 2019 , 190, 44-54	3.9	17
120	Caesium in samples of wild-grown <i>Boletus edulis</i> Bull. from Lucca province (Tuscany, Italy) and other Italian and European geographical areas. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017 , 34, 49-55	3.2	16
119	Correspondence between salivary proteomic pattern and clinical course in primary Sjögren syndrome and non-Hodgkin's lymphoma: a case report. <i>Journal of Translational Medicine</i> , 2011 , 9, 188	8.5	16
118	Mutation analysis of oxytocin gene in individuals with adult separation anxiety. <i>Psychiatry Research</i> , 2009 , 168, 87-93	9.9	16
117	Specific inhibition of benzodiazepine receptor binding by some N-(indol-3-ylglyoxylyl)amino acid derivatives: stereoselective interactions. <i>Journal of Medicinal Chemistry</i> , 1989 , 32, 2514-8	8.3	16
116	Proteomic analysis of fine-needle aspiration in differential diagnosis of thyroid nodules. <i>Translational Research</i> , 2016 , 176, 81-94	11	16
115	Update on proteomic studies of formalin-fixed paraffin-embedded tissues. <i>Expert Review of Proteomics</i> , 2019 , 16, 513-520	4.2	15
114	Glucagon-like peptide 1 protects INS-1E mitochondria against palmitate-mediated beta-cell dysfunction: a proteomic study. <i>Molecular BioSystems</i> , 2015 , 11, 1696-707		15
113	New insight into benign tumours of major salivary glands by proteomic approach. <i>PLoS ONE</i> , 2013 , 8, e71874	3.7	15
112	Rosiglitazone reverses salbutamol-induced β_2 -adrenoceptor tolerance in airway smooth muscle. <i>British Journal of Pharmacology</i> , 2011 , 162, 378-91	8.6	15
111	Alterations of the dopamine transporter in resting lymphocytes of patients with different psychotic disorders. <i>Psychiatry Research</i> , 2010 , 175, 54-7	9.9	15

110	Human serotonin transporter expression during megakaryocytic differentiation of MEG-01 cells. <i>Neurochemical Research</i> , 2010 , 35, 628-35	4.6	15
109	N6-cycloalkyl-2-phenyl-3-deaza-8-azaadenines: a new class of A1 adenosine receptor ligands. A comparison with the corresponding adenines and 8-azaadenines. <i>European Journal of Medicinal Chemistry</i> , 2003 , 38, 983-90	6.8	15
108	Characterization of peripheral benzodiazepine receptors in purified large mammal pancreatic islets. <i>Biochemical Pharmacology</i> , 1996 , 51, 1437-42	6	15
107	Jealousy and subthreshold psychopathology: a serotonergic link. <i>Neuropsychobiology</i> , 2003 , 47, 12-6	4	14
106	Synthesis, molecular docking and binding studies of selective serotonin transporter inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 825-34	6.8	13
105	[3H]ketanserin binding in human brain postmortem. <i>Neurochemical Research</i> , 1997 , 22, 753-7	4.6	13
104	Tricyclic heteroaromatic systems. Synthesis and benzodiazepine receptor affinity of 2-substituted-1-benzopyrano[3,4-d]oxazol-4-ones, -thiazol-4-ones, and -imidazol-4-ones. <i>Il Farmaco</i> , 1998 , 53, 375-381		13
103	Binding of 3H-WIN-35,428 and 125I-RTI-121 to human platelet membranes. <i>Neurochemical Research</i> , 2006 , 31, 361-5	4.6	13
102	A(2A) adenosine receptor ligands and proinflammatory cytokines induce PC 12 cell death through apoptosis. <i>Biochemical Pharmacology</i> , 2003 , 66, 1953-62	6	13
101	Decreased platelet [3H]paroxetine binding sites in suicide attempters. <i>Psychiatry Research</i> , 2001 , 103, 125-31	9.9	13
100	Regulation of the platelet serotonin transporter by protein kinase C in the young and elderly. <i>Biological Psychiatry</i> , 1999 , 45, 443-7	7.9	13
99	Solubilization of adenosine A(1) binding sites from sheep cortex. <i>Neurochemistry International</i> , 1985 , 7, 1017-20	4.4	13
98	The expression of platelet serotonin transporter (SERT) in human obesity. <i>BMC Neuroscience</i> , 2013 , 14, 128	3.2	12
97	Serotonin transporter (SERT) and translocator protein (TSPO) expression in the obese ob/ob mouse. <i>BMC Neuroscience</i> , 2011 , 12, 18	3.2	12
96	Presence and characterization of the dopamine transporter in human resting lymphocytes. <i>Neurochemical Research</i> , 2008 , 33, 1011-6	4.6	12
95	ETA receptor-mediated Ca ²⁺ mobilisation in H9c2 cardiac cells. <i>Biochemical Pharmacology</i> , 2003 , 65, 783-93	6	12
94	Bioisosterism, enantioselectivity, and molecular modeling of new effective N6- and/or N(9)-substituted 2-phenyl adenines and 8-aza analogs: Different binding modes to A1 adenosine receptors. <i>Drug Development Research</i> , 2001 , 54, 52-65	5.1	12
93	Structure-activity relationships in a series of 8-substituted xanthines as bronchodilator and A1-adenosine receptor antagonists. <i>Archiv Der Pharmazie</i> , 1995 , 328, 654-8	4.3	12

92	1,2,4-Triazolo[1,5-a]quinoxaline derivatives: synthesis and biological evaluation as adenosine receptor antagonists. <i>Il Farmaco</i> , 2004 , 59, 71-81		11
91	Synthesis of new pyridazinone derivatives and their affinity towards alpha1-alpha2-adrenoceptors. <i>Bioorganic and Medicinal Chemistry</i> , 1999 , 7, 933-41	3.4	11
90	Design, Synthesis, and Biological Evaluation of Imidazo[1,5-a]quinoline as Highly Potent Ligands of Central Benzodiazepine Receptors. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 3353-72	8.3	10
89	[(3)H]-YM-09151-2 binding sites in human brain postmortem. <i>Neurochemistry International</i> , 2009 , 55, 643-7	4.4	10
88	Further characterisation of [3H]8-hydroxy-2-(di-N-propylamino)tetralin binding sites in human brain postmortem. <i>Neurochemistry International</i> , 1997 , 30, 149-57	4.4	10
87	Peripheral benzodiazepine receptors in isolated human pancreatic islets. <i>Journal of Cellular Biochemistry</i> , 1997 , 64, 273-7	4.7	10
86	Adenosine receptors: synthesis, structure-activity relationships and biological activity of new 6-amino purine derivatives. <i>European Journal of Medicinal Chemistry</i> , 1998 , 33, 501-508	6.8	10
85	Modulation of A1 adenosine receptor signaling by peroxynitrite. <i>Biochemical Pharmacology</i> , 2004 , 67, 375-83	6	10
84	Decreased inhibitory activity of PKC in OCD patients after six months of treatment. <i>Psychoneuroendocrinology</i> , 2002 , 27, 769-76	5	10
83	Studies of peripheral benzodiazepine receptors in mussels: comparison between a polluted and a nonpolluted site. <i>Ecotoxicology and Environmental Safety</i> , 2003 , 54, 36-42	7	10
82	Presence of serotonin1A (5-HT1A) receptor mRNA without binding of [3H]-8-OH-DPAT in peripheral blood mononuclear cells. <i>Life Sciences</i> , 1995 , 57, 2197-203	6.8	10
81	Pyrazolo[4,5-c]quinolines. 3. Synthesis, receptor binding, and 13C NMR study. <i>Journal of Pharmaceutical Sciences</i> , 1986 , 75, 1175-9	3.9	10
80	Altered protease-activated receptor-1 expression and signaling in a malignant pleural mesothelioma cell line, NCI-H28, with homozygous deletion of the Eatenin gene. <i>PLoS ONE</i> , 2014 , 9, e111550	3.7	9
79	Benzodiazepine receptor ligands [Part II. Synthesis and biological evaluation of pyrazolo[5,1-c][1,2,4]benzotriazine 4-oxide. <i>European Journal of Medicinal Chemistry</i> , 1998 , 33, 237-244	6.8	9
78	New pyrazolo[3,4-b]pyridones as selective A(1) adenosine receptor antagonists: synthesis, biological evaluation and molecular modelling studies. <i>Organic and Biomolecular Chemistry</i> , 2005 , 3, 2262-70	3.9	9
77	New N6- or N(9)-hydroxyalkyl substituted 8-azaadenines or adenines as effective A1 adenosine receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2003 , 38, 801-10	6.8	9
76	Simultaneous analysis of clozapine, clomipramine and their metabolites by reversed-phase liquid chromatography. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2001 , 25, 519-33	5.5	9
75	New amino derivatives of 1,2,3-triazolo[4,5-d]pyrimidines and their affinity towards A1 and A2A adenosine receptors. <i>European Journal of Medicinal Chemistry</i> , 1999 , 34, 867-875	6.8	9

74	Characterization of a low affinity binding site for N6-substituted adenosine derivatives in rat testis membranes. <i>Journal of Receptor and Signal Transduction Research</i> , 1995 , 15, 905-29	2.6	9
73	Synthesis of 1,5-diaryl-3-methyl-1H-pyrazolo[4,5-c]isoquinolines and studies of binding to specific peripheral benzodiazepine binding sites. <i>Journal of Pharmaceutical Sciences</i> , 1989 , 78, 437-42	3.9	9
72	The mitochondrial Italian Human Proteome Project initiative (mt-HPP). <i>Molecular BioSystems</i> , 2013 , 9, 1984-92		8
71	Male axillary extracts modify the affinity of the platelet serotonin transporter and impulsiveness in women. <i>Physiology and Behavior</i> , 2010 , 100, 364-8	3.5	8
70	Modified RP-LC of Phenylthiocarbamyl Amino Acid Adducts in Plasma Acetonitrile Extracts Using Multiple Internal Standards and Photo-Diode UV Detection. <i>Chromatographia</i> , 2010 , 71, 291-297	2.1	8
69	Synthesis and biological affinity of new imidazo- and indol-arylpiperazine derivatives: further validation of a pharmacophore model for alpha(1)-adrenoceptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5140-5	2.9	8
68	Suc-[Glu9,Ala11,15]-endothelin-1 (8-21), IRL 1620, identifies two populations of ET(B) receptors in guinea-pig bronchus. <i>British Journal of Pharmacology</i> , 1999 , 127, 1406-14	8.6	8
67	1,2,3-Triazolo[4,5-d]pyridazines: Part VI. New 1-substituted-4-amino derivatives and their affinity towards A1 and A2A adenosine receptors. <i>Il Farmaco</i> , 1999 , 54, 615-623		8
66	A1 adenosine receptors in human neutrophils: Direct binding and electron microscope visualization 1999 , 75, 235-244		8
65	Salivary psoriasin (S100A7) correlates with diffusion capacity of carbon monoxide in a large cohort of systemic sclerosis patients. <i>Journal of Translational Medicine</i> , 2016 , 14, 262	8.5	8
64	Effect of Valproate and Antidepressant Drugs on Clozapine Metabolism in Patients With Psychotic Mood Disorders. <i>Therapeutic Drug Monitoring</i> , 2018 , 40, 443-451	3.2	7
63	First evidence of TRPV5 and TRPV6 channels in human parathyroid glands: possible involvement in neoplastic transformation. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 1944-52	5.6	7
62	Synthesis and structure-activity relationships of 4-cycloalkylamino-1, 2, 4-triazolo[4, 3-a]quinoxalin-1- one derivatives as A1 and A3 adenosine receptor antagonists. <i>Archiv Der Pharmazie</i> , 2004 , 337, 35-41	4.3	7
61	[3H]-ketanserin binding sites in different psychiatric disorders. <i>Neurochemistry International</i> , 2003 , 42, 511-6	4.4	7
60	Correlation between platelet alpha(2)-adrenoreceptors and symptom severity in major depression. <i>Neuropsychobiology</i> , 2001 , 44, 122-5	4	7
59	Biochemical and pharmacological characterization of periodate-oxidized adenosine analogues at adenosine A1 receptors. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995 , 1267, 145-51	4.9	7
58	Benzodiazepine agonists reverse the effects of noise exposure on central benzodiazepine receptors and cardiac responsiveness. <i>Life Sciences</i> , 1995 , 57, 1131-40	6.8	7
57	Characterization of peripheral-type benzodiazepine binding sites from rat and pig pancreas. <i>Biochemical Pharmacology</i> , 1994 , 48, 583-6	6	7

56	Role of cysteine residues of rat A2a adenosine receptors in agonist binding. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997 , 1324, 159-70	3.8	6
55	Serotonin-mediated cyclic AMP inhibitory pathway in platelets of patients affected by panic disorder. <i>Neuropsychobiology</i> , 2004 , 50, 28-36	4	6
54	Immunohistochemical distribution of neuropeptide Y in the mesencephalon and rhombencephalon of carp, <i>Cyprinus carpio</i> L. (Cyprinidae: Teleostei). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2004 , 138, 175-85	2.6	6
53	[3H]PK11195 binding sites in human neutrophils: effect of fMLP stimulation and modulation in rheumatic diseases. <i>Clinical Biochemistry</i> , 2004 , 37, 61-6	3.5	6
52	Alkylation of sulfhydryl groups on Galpha(s/olf) subunits by N-ethylmaleimide: regulation by guanine nucleotides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003 , 1613, 7-14	3.8	6
51	Gender and age-related variation in adenylyl cyclase activity in the human prefrontal cortex, hippocampus and dorsal raphe nuclei. <i>Neuroscience Letters</i> , 2000 , 279, 53-6	3.3	6
50	Lack of stereoselectivity of 8-hydroxy-2(di-N-propylamino)tetralin-mediated inhibition of forskolin-stimulated adenylyl cyclase activity in human pre- and post-synaptic brain regions. <i>Neurochemistry International</i> , 2000 , 36, 225-32	4.4	6
49	The peripheral-type benzodiazepine receptor ligands [3H]Ro 5-4864 and [3H]PK 11195 bind to the retina of rabbit, but not of turtle. <i>Journal of Neurochemistry</i> , 1993 , 61, 1263-9	6	6
48	Melatonin and pro-hypnotic effectiveness of the antidepressant Trazodone: A preliminary evaluation in insomniac mood-disorder patients. <i>Clinical Biochemistry</i> , 2016 , 49, 1152-1158	3.5	6
47	Putative Biomarkers for Malignant Pleural Mesothelioma Suggested by Proteomic Analysis of Cell Secretome. <i>Cancer Genomics and Proteomics</i> , 2020 , 17, 225-236	3.3	5
46	Synthesis and α -adrenergic and I1-imidazoline activity of 3-phenylpiperidines dimethyl-substituted on the phenyl ring. <i>European Journal of Medicinal Chemistry</i> , 1998 , 33, 911-919	6.8	5
45	Species comparison of adenosine receptor subtypes in brain and testis. <i>Neurochemical Research</i> , 2008 , 33, 852-60	4.6	5
44	Autoradiographic localization and binding study of benzodiazepines receptor sites in carp brain (<i>Cyprinus carpio</i> L.). <i>Journal of Chemical Neuroanatomy</i> , 2006 , 31, 139-45	3.2	5
43	Synthesis and preliminary pharmacological evaluation of trans-2-amino-5(6)-chloro-6(5)-hydroxy-1-phenyl-2,3-dihydro-1H-indenes as dopamine receptor ligands. <i>Il Farmaco</i> , 2002 , 57, 303-13		5
42	Pharmacological characterization of the serotonin transporter in young and elderly subjects. <i>Neuropsychobiology</i> , 2001 , 44, 78-83	4	5
41	3 alpha-hydroxy-5 alpha-pregnan-20-one modulation of solubilized GABA/benzodiazepine receptor complex. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993 , 45, 309-14	5.1	5
40	Antioxidant and Neuroprotective Activity of Extra Virgin Olive Oil Extracts Obtained from Quercetano Cultivar Trees Grown in Different Areas of the Tuscany Region (Italy). <i>Antioxidants</i> , 2021 , 10,	7.1	5
39	A1 and A2 adenosine receptors in synovial cells from patients with rheumatic diseases. <i>Advances in Experimental Medicine and Biology</i> , 1989 , 253B, 429-33	3.6	5

38	Brain mitochondrial proteome alteration driven by creatine deficiency suggests novel therapeutic venues for creatine deficiency syndromes. <i>Neuroscience</i> , 2019 , 409, 276-289	3.9	4
37	Proteomics insight into psychiatric disorders: an update on biological fluid biomarkers. <i>Expert Review of Proteomics</i> , 2016 , 13, 941-950	4.2	4
36	A2a adenosine receptors: guanine nucleotide derivative regulation in porcine striatal membranes and digitonin soluble fraction. <i>Neurochemistry International</i> , 1998 , 33, 121-9	4.4	4
35	Presence of D4 dopamine receptors in human prefrontal cortex: a postmortem study. <i>Revista Brasileira De Psiquiatria</i> , 2007 , 29, 148-52	2.6	4
34	1-Aminocyclopentane-1,2,4-tricarboxylic acids screening on glutamatergic and serotonergic systems. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 7581-9	3.4	4
33	Tubby protein in human lymphocytes from normal weight and obese subjects. <i>Clinical Biochemistry</i> , 2007 , 40, 806-9	3.5	4
32	Autoradiographic distribution of neuropeptide Y binding sites in the brain of the carp <i>Cyprinus carpio</i> L. (Cyprinidae, Teleostei). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003 , 134, 757-62	2.6	4
31	Synthesis and preliminary pharmacological evaluation of 5-hydroxy- and 5,6-dihydroxy-1,2,3,7,12,12a-hexahydrobenzo[5,6]cyclohepta[1,2,3-ij]isoquinoline derivatives as dopamine receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 1447-58	3.4	4
30	Guanine nucleoside diphosphate and triphosphate modulate [3H]CGS 21680 binding to A2 adenosine receptor in rat striatal membranes. <i>Drug Development Research</i> , 1993 , 28, 369-373	5.1	4
29	Stress-related changes of benzodiazepine binding inhibitory activity (B.B.I.A.) in humans. <i>Life Sciences</i> , 1990 , 46, 1833-6	6.8	4
28	Barbiturate enhancement of [(3)H]flunitrazepam binding to purified benzodiazepine/gaba receptor from rat brain. <i>Neurochemistry International</i> , 1987 , 11, 261-4	4.4	4
27	Isolation of an urate-binding protein by affinity chromatography. <i>Applied Biochemistry and Biotechnology</i> , 1982 , 7, 189-94	3.2	4
26	Chemical modifications of striatal A2A adenosine receptors: a possible role for tyrosine at the ligand binding sites. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997 , 1326, 67-74	3.8	3
25	Chemical modification of the dihydropyridines binding sites by lysine reagent, pyridoxal 5Rphosphate. <i>Neurochemistry International</i> , 1998 , 32, 361-4	4.4	3
24	Short-term effects of 3,4-methylen-dioxy-metamphetamine (MDMA) on 5-HT(1A) receptors in the rat hippocampus. <i>Neurochemistry International</i> , 2007 , 51, 496-506	4.4	3
23	Characterization of the enantiomeric 3-substituted-1,4-benzodiazepin-2-ones binding to the GABA-BDZ-chloride ionophore receptor complex. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1992 , 10, 359-63	3.5	3
22	Synthesis and Affinity Evaluation for AT1 Receptor of Phenylsalicylaldoxime-Derivatives Structurally Related to Sartans. <i>Heterocycles</i> , 2008 , 75, 1467	0.8	3
21	Parathyroid Carcinoma and Adenoma Co-existing in One Patient: Case Report and Comparative Proteomic Analysis. <i>Cancer Genomics and Proteomics</i> , 2021 , 18, 781-796	3.3	3

20	Comparative proteomic analysis of malignant pleural mesothelioma: Focusing on the biphasic subtype. <i>EuPA Open Proteomics</i> , 2016 , 10, 42-49	0.1	2
19	[3H] muscimol receptors sites in the carp (<i>Cyprinus carpio</i> L.) brain: binding assay and autoradiographic distribution. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007 , 148, 324-31	2.6	2
18	Absence of NK1 receptors in human blood lymphocytes and granulocytes. <i>Neuropsychobiology</i> , 2004 , 50, 221-5	4	2
17	[(3)H]ouabain binding to ox brain membranes: Characterization of a high-affinity binding site. <i>Neurochemistry International</i> , 1990 , 16, 193-7	4.4	2
16	A 3H-flunitrazepam binding inhibitor is present in psychiatric patients'sera. <i>Neuropsychobiology</i> , 1987 , 18, 74-6	4	2
15	A New Rapid Synthesis of 9-(2-Bromoacetylaminobenzyl)-adenine. <i>Synthesis</i> , 1977 , 1977, 720-721	2.9	2
14	Salivary Proteome Changes in Response to Acute Psychological Stress Due to an Oral Exam Simulation in University Students: Effect of an Olfactory Stimulus. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
13	Proteomic Investigation of Malignant Major Salivary Gland Tumors. <i>Head and Neck Pathology</i> , 2020 , 14, 362-373	3.3	2
12	Proteomic approach used in the diagnosis of Riedel's thyroiditis: a case report. <i>Journal of Medical Case Reports</i> , 2012 , 6, 103	1.2	1
11	Fine-needle aspiration for proteomic study of tumour tissues. <i>Proteomics - Clinical Applications</i> , 2011 , 5, 24-9	3.1	1
10	Regulation of agonist binding to rat ET(B) receptors by cations and GTPgammaS. <i>Biochemical Pharmacology</i> , 2001 , 62, 537-45	6	1
9	Peripheral-type benzodiazepine receptors in human blood cells of patients affected by migraine without aura. <i>Neurochemistry International</i> , 2000 , 37, 363-8	4.4	1
8	2,3-Butanedione inactivates the [3H]nitrendipine binding sites, whereas diethylpyrocarbonate does not. <i>Neurochemistry International</i> , 1996 , 29, 623-7	4.4	1
7	Correlation between the sites labelled by [3H]-8 hydroxy-2-(di-N-propylamino)tetralin and [3H]-imipramine in human platelets. <i>Human Psychopharmacology</i> , 1995 , 10, 417-421	2.3	1
6	Affinity labeling of histidine and lysine residue in the adenosine deaminase substrate binding site. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979 , 569, 220-7	3.8	1
5	Adenosine deaminase. <i>Methods in Enzymology</i> , 1977 , 46, 327-35	1.7	1
4	RP-LC of phenylthiocarbamyl amino acid adducts in plasma acetonitrile extracts: use of multiple internal standards and variable wavelength UV detection. <i>Methods in Molecular Biology</i> , 2012 , 828, 201-174	1.4	1
3	Autoradiographic distribution of peripheral benzodiazepine receptors in the retina of the albino rabbit, <i>Lepus cunicula</i> . <i>Neuroscience Letters</i> , 2000 , 280, 37-40	3.3	

- 2 ³H-NECA binding to polymorphonuclear membrane: effect of sera from patients with Hodgkin's disease. *Cancer Investigation*, **1994**, 12, 132-7 2.1
- 1 Urate binding globulin, interactions with immunoglobulins. *Advances in Experimental Medicine and Biology*, **1989**, 253A, 233-7 3.6